

SUBSTITUTE SHEET (RULE 26)

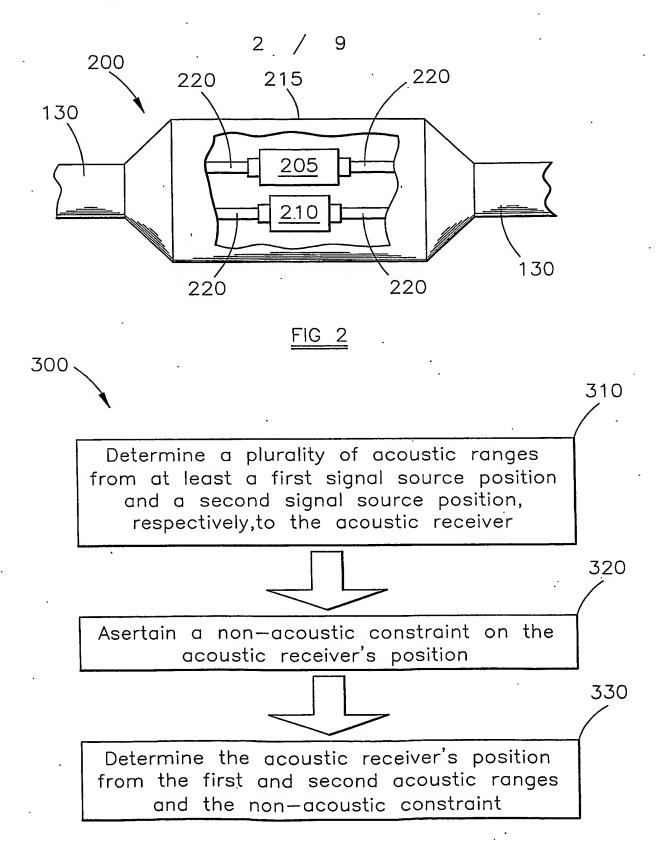


FIG 3

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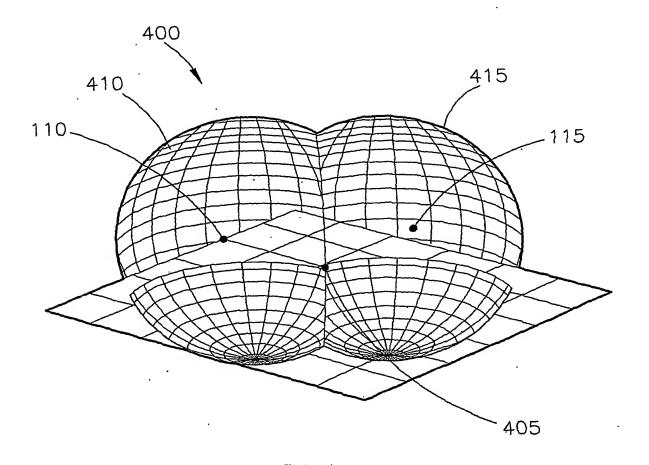


FIG 4
500
405
405

FIG 5

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610

Calculate the intersection of a first sphere, a second sphere, and a plane, the first sphere and the second sphere being defined by the positions of a first acoustic source and a second acoustic source, respectively, relative to the position of the respective seismic sensor



Select one point of the intersection to identify the position of the respective seismic sensor

FIG 6

Model the acoustic receiver's position from historical positions associated with the acoustic receiver's position

720

Apply a genetic algorithm to constrain the modeled position with the non—acoustic constraint

FIG 7

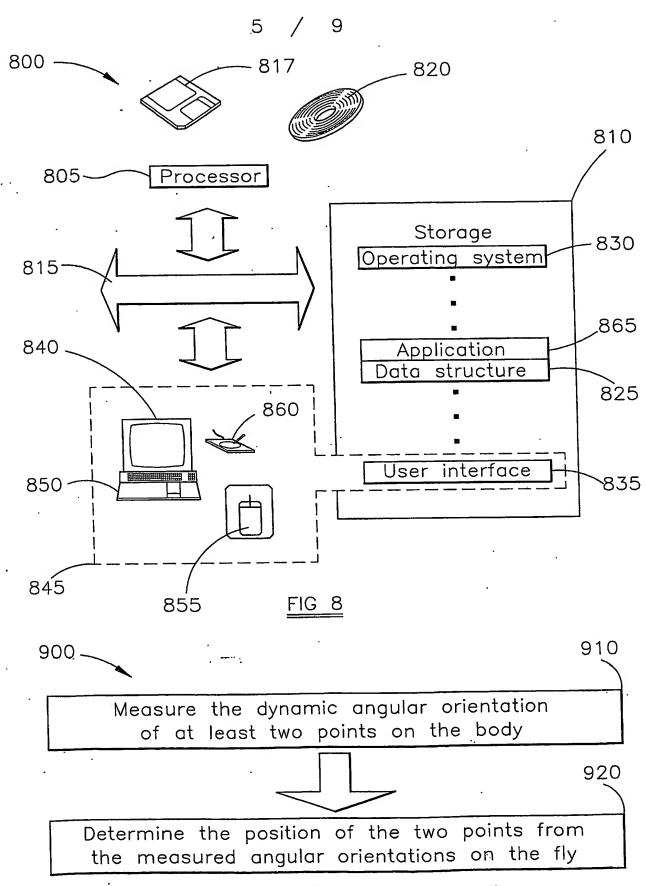
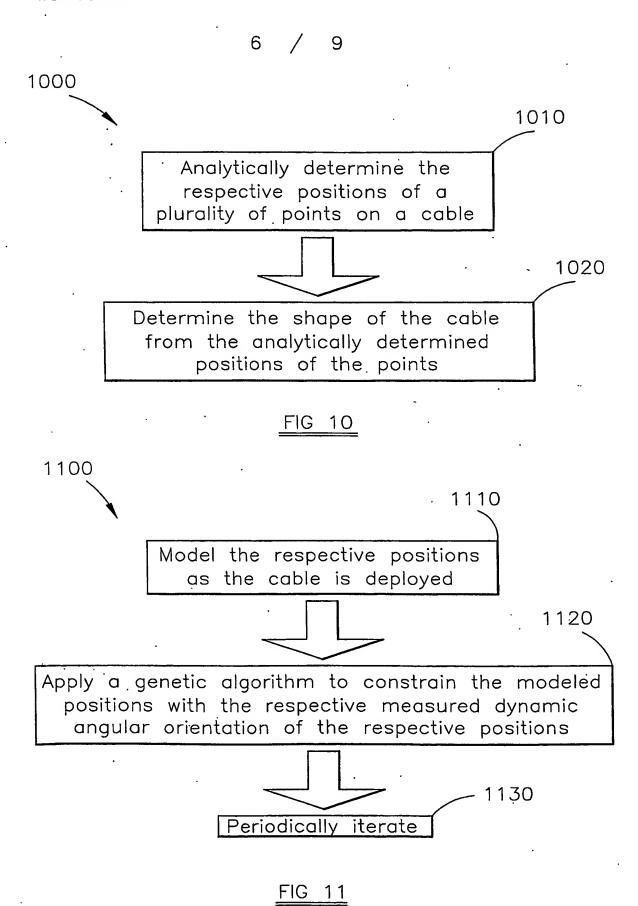
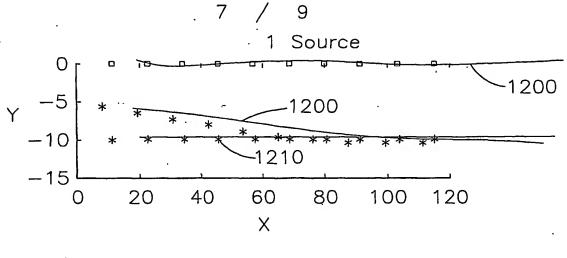


FIG 9

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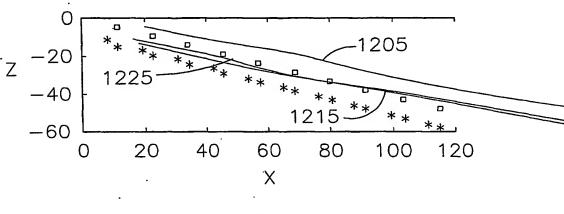
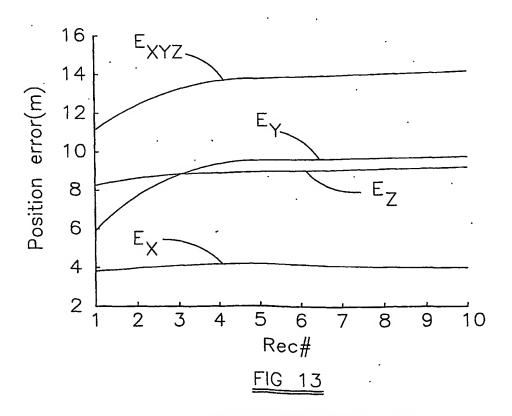
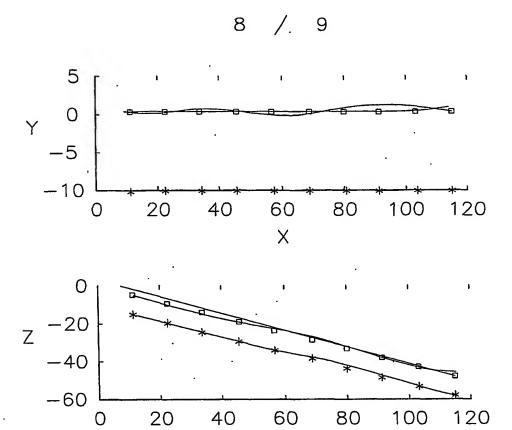
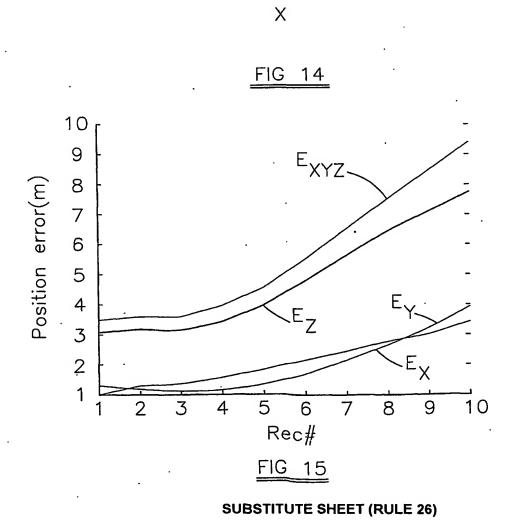


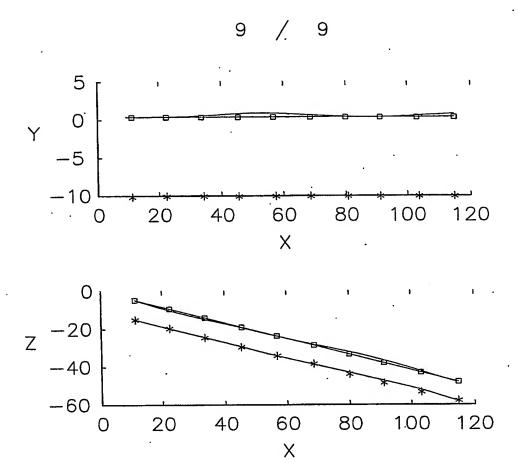
FIG 12

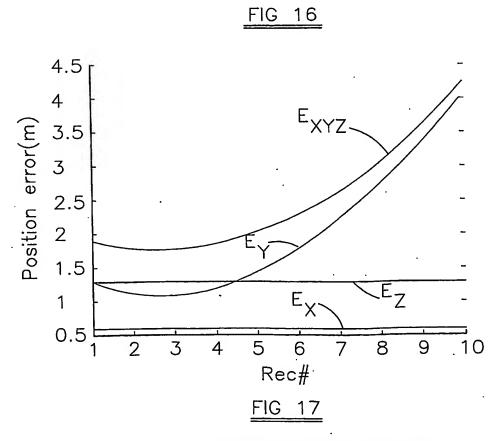


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